

# START

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Meeting Minutes Transmittal/Approval  
Tri-Party Agreement Milestone Review Meeting  
EPA Conference Room  
Richland, Washington  
March 18, 1992

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From/ Appvl.: *SHW* Date: 4/23/92  
Steven H. Wisness, RL (A5-19)  
Hanford Project Manager

Appvl.: *Paul T. Day* Date: 4/22/92  
Paul T. Day, EPA (B5001)  
Hanford Project Manager

Appvl.: *David B. Jansen* Date: 4/22/92  
David B. Jansen  
Hanford Project Manager

Prepared by Appvl.: *Tim Veneziano* Date: 4/22/92  
Tim Veneziano, Westinghouse Hanford Company

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TPA Milestone Review  
Meeting Minutes Transmittal/Approval  
March 18, 1992 (sheet 2 of 5)

1. MILESTONE M-24-00, GROUNDWATER WELLS

The information (attachment 1) was presented by M. J. Furman of RL. There was some discussion on the surplus of drilling rigs available. At this time, the total of the RCRA and CERLA drilling requirements for FY92 are less than those for FY91. There was discussion on the criteria to be used to determine that Hanford has a compliant RCRA groundwater monitoring system. At present, RL is proposing a number of criteria, including monitoring to a 90% efficiency as determined by the model being used by WHC, for determining completion of M-24-00. Discussions on the proposed criteria are continuing. With regard to schedule performance, RL is slightly behind the established internal schedule but forecasts no problem with the TPA schedule.

There was discussion on the change request to the major milestone for M-24-00. Ecology has evaluated the need for a public review period since this is a major milestone. In this case, a 45-day public comment period for written comments (public meetings) will be required. Ecology stated that RL would be given relief for any schedule impacts that might result from the requirement to perform a public review at this time. Ecology supports the technical content of the change. Ecology will provide a letter to RL by March 23, 1992, on the proposed M-24-00 change.

2. MILESTONE M-11-00, HOT CELL EXPANSION

The information (attachment 2) was presented by D. M. Wanek of RL. Activities are proceeding on schedule and under budget with the exception of Project W-001. A plan to proceed with W-001 is being followed. Reprogramming is required by June to go out for bid for W-001. This allows sufficient lead time to support an August start of construction and the action is within DOE-HQ. EPA raised a question of what fast-track means and how this reprogramming activity is different. EPA is questioning what contingency plans DOE is looking at to maintain the schedule if approval is not obtained in June. EPA expected this information in today's meeting.

**Action:** Identify by letter, the contingency plans to recover schedule delays if reprogramming for Project W-001 is delayed beyond June. Provide a more complete response to the EPA January letter.

**Actionee:** D. M. Wanek

**Due Date:** May 18, 1992

3. MILESTONE M-14-00, LOW LEVEL LAB

This area was discussed by D. M. Wanek. This milestone is presently under dispute. There was discussion on the rescoped (QA only) WSCF. The core facility contract will be let next week and modules will be delivered this fall. EPA discussed their January 11 request for information on radiation levels that can be accepted at existing off-site laboratories. Specifically, 10 nanocuries/gm vs 10 mR/hr was questioned. EPA is concerned that there are samples that are under 10 mR/hr that cannot go off-site and will impact the overall on-site lab capability.

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TPA Milestone Review  
Meeting Minutes Transmittal/Approval  
March 18, 1992 (sheet 3 of 5)

Action: Arrange a meeting to discuss the radiation level criteria for off-site samples and the impacts of these criteria on the on-site lab capacity.

Actionee: D. M. Wanek

Due Date: April 20, 1992

4. MILESTONE M-18-00, WRAP I

The information (attachment 3) was presented by R. F. Guercia of RL. WRAP I is proceeding toward a March 1997 start-up and is presently on budget. RL does not consider the budget to be an issue and does not anticipate completion to be over-budget. There was discussion on lab constraints prior to 1997 for TRU samples. The year-old change request for M-18-00 was discussed. RL is proceeding as if this change was approved (per verbal discussions with R. Stanley). Ecology agreed to expedite written approval for this change.

Action: Determine the burden that near-term TRU samples will have on-site lab capacity.

Actionee: R. F. Guercia

Due Date: June 24, 1992

5. MILESTONE M-19-00, WRAP II

The information (attachment 4) was presented by R. F. Guercia of RL. The proposed change request to divide WRAP II into a IIA and IIB is at DOE-HQ and EPA and Ecology can expect to see it next month. EPA asked whether RL is ready to review the draft with the regulators and RL stated that this should wait until DOE-RL has a final position following HQ review. With regard to budget, the project is being funded. The funding source will be determined during the on-going mid-year funding review and DOE stated that WRAP IIA will be fully supported. RL stated that, during mid-year review, TPA milestones will not be adversely effected in order to support other funding reallocations.

6. MILESTONE M-25-00, ANNUAL LDR REPORT

The information (attachment 5) was presented by R. F. Guercia of RL. RL is working to the existing March completion date but will include the information with the M-26-00 submittal in April if the change request is approved by the regulators. EPA and Ecology stated that this milestone change will be approved and that there will not be a need for a public review period.

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**TPA Milestone Review**  
**Meeting Minutes Transmittal/Approval**  
March 18, 1992 (sheet 4 of 5)

**7. MILESTONE M-26-01 and M-26-02, LDR**

The information (attachment 6) was presented by R. F. Guercia of RL. RL is working to an April, 1992 completion per the pending change request. EPA comments from last year's report are being addressed.

**Action:** Set up meeting to review EPA and Ecology comments from last year's M-26-01 report.

**Actionee:** R. F. Guercia

**Date Due:** April 1, 1992

**8. MILESTONES M-20-00, PART B'S/CLOSURE PLANS**

The information (attachment 7) was presented by C. E. Clark of RL. RL requested feedback from Ecology on a number of closure plans and Part B submittals that have been submitted, and alerted Ecology that four more will be provided in November. Ecology stated some of their reviewers will be moved to the Kennewick office. RL pointed out that turnover of reviewers has been a problem in the past. Ecology believes that they can provide continuity as work is transitioned to Kennewick and that the transfer of work should be beneficial to RL. In the Part B area, RL stated that a multi-year schedule of planned modifications to the Hanford permit to incorporate the individual facilities into the site permit would assist RL's planning activities.

The site-wide permit was discussed. RL provided comments to Ecology and recommended that Ecology withdraw the comment draft. If the draft permit is issued as it now stands, appeal proceedings are likely.

Ecology's response to RL's request for increased RCRA/CERLA integration was discussed. RL would have liked additional discussion and commitment to integration. EPA would like to discuss this subject at the up-coming retreat.

**9. OPEN TPA CHANGE REQUESTS**

The information (attachment 8) was discussed. Change Requests M-20-92-2 and M-24-91-5 have been signed and were provided to RL in the meeting today. The three parties agreed to have the status from the Change Request data base and the folders for the changes on the agenda for future meetings.

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## AGENDA

## TPA MILESTONE MANAGEMENT MEETING

Wednesday, March 18, 1992

EPA Conference Room

<u>TIME</u>	<u>MILESTONE</u>	<u>TITLE</u>	<u>RL DIVISION DIRECTOR</u>	<u>LEVEL 2/3 MGR.</u>	<u>PRESENTER</u>
9:00 am	M-24-00	Groundwater Wells	J. M. Hennig	R. D. Wojtasek	M. J. Furman
9:45 am	M-11-00	Lab Hot Cell Expansion	J. M. Hennig	V. R. Dronen	D. M. Wanek
10:15 am	M-14-00	Low Level Lab	J. M. Hennig	C. R. Stroup	D. M. Wanek
10:45 am	M-18-00	WRAP I	J. M. Hennig	R. J. Roberts	R. F. Guercia
	M-19-00	WRAP II	J. M. Hennig	R. J. Roberts	R. F. Guercia
11:30 am	M-25-00	Report / Land Disposal Alt.	J. M. Hennig	R. J. Roberts	R. F. Guercia
	M-26-01	LDR Annual Report	J. M. Hennig	C. J. Geier	R. F. Guercia
	M-26-02	LDR Compliance/Milestones	J. M. Hennig	C. J. Geier	R. F. Guercia
12:00 am		LUNCH			
1:00 pm	M-20-00	Part B and Closure Plans	R. D. Izatt	C. J. Geier	C. E. Clark
2:00 pm		Open TPA Change Requests			
2:30 pm		General Discussion			
3:00 pm		Adjorn			

ATTENDEES

TPA MILESTONE MANAGEMENT REVIEW

MAR. 18, 1992

EPA CONFERENCE ROOM

<u>NAME</u>	<u>ORGANIZATION</u>	<u>MAILSTOP</u>
<u>[Faded]</u>	<u>[Faded]</u>	<u>[Faded]</u>
<u>Gene Nylander</u>	<u>Wash. Dept. of Ecology</u>	<u>Kennewick</u>
<u>Dave Janson</u>	<u>Wash Dept of Eco</u>	<u>Oly PV-11</u>
<u>Paul Day</u>	<u>EPA</u>	<u>B5-01</u>
<u>Steve Wisness</u>	<u>DOE</u>	
<u>Rex Thompson</u>	<u>WHC</u>	<u>L4-88</u>
<u>[Faded]</u>	<u>[Faded]</u>	<u>[Faded]</u>
<u>T.B. V. [Faded]</u>	<u>WHC</u>	<u>B2-35</u>
<u>G. David Forehand</u>	<u>WHC</u>	<u>B2-35</u>
<u>Lee Olson</u>	<u>MACTEC</u>	<u>Richland</u>
<u>K. Michael Thompson</u>	<u>DOE-RL</u>	<u>A5-19</u>
<u>Marv Furman</u>	<u>DOE-RL</u>	
<u>STEVEN M. BYCE</u>	<u>WHC</u>	<u>H1-61</u>

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ATTENDEES

TPA MILESTONE MANAGEMENT REVIEW

MAR. 18, 1992

EPA CONFERENCE ROOM

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<u>NAME</u>	<u>ORGANIZATION</u>	<u>MAILSTOP</u>
<u>ML Bell</u>	<u>WHC</u>	<u>T6-16</u>
<u>CK Carter</u>	<u>wtc</u>	<u>R3-27</u>
<u>MS Galtine</u>	<u>DOE</u>	<u>AS-18</u>
<u>F.N. WARREN</u>	<u>DOE</u>	<u>AS-12</u>
<u>DM Wanek</u>	<u>DOE</u>	<u>A5-21</u>
<u>F.R. YERXA</u>	<u>DOE</u>	
<u>DW. CLAISSAN</u>	<u>DOE</u>	<u>A5-21</u>
<u>B. Sullivan</u>	<u>DOE</u>	<u>AS-10</u>
<u>R.J. ROBERTS</u>	<u>WHC</u>	<u>N3-13</u>
<u>RD Paine</u>	<u>w HC</u>	<u>N3-13</u>
<u>LE Borneman</u>	<u>WHC</u>	<u><del>B2</del>-B2-35</u>
<u>RFGoveria</u>	<u>RL</u>	<u>A5-21</u>
<u>DG Black</u>	<u>WHC</u>	<u>B2-20</u>



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# **Install RCRA Groundwater Wells**

## **Milestone M-24-00**

**M. J. Furman**

**Waste Operations Program**

**March 18, 1992**

*A...*

# Install RCRA Groundwater Wells

## Milestone M-24-00

### Milestone Description

- o M-24-00**                      **Install RCRA groundwater monitoring wells at the rate of 29 in CY 1989, 30 in CY 1990, and 50 per year thereafter until all land disposal units and single-shell tanks are determined to have RCRA compliant monitoring systems.**
  
- o DELIVERABLE(S)**                      **Installation of groundwater wells shall mean that wells have been drilled, adequately sealed, and screened over no more than 15 feet of the aquifer unless otherwise approved by Ecology, that all pumps and associated sampling equipment have been installed, and that such wells have been developed sufficiently to provide satisfactory samples for all parameters to be analyzed. Ecology determines that all such groundwater monitoring systems meet the requirements of WAC-173-303-645.**
  
- o BASELINE SCHEDULE**                      **Install wells annually beginning in CY 1989**

# Install RCRA Groundwater Wells

## Milestone M-24-00

### Accomplishments (Dec. 1991 to Feb., 1992)

#### CY 1991

- Completed Major Milestone requirement of 50 wells on time.
- Completed all interim Interim Milestones on time.

#### CY 1992

- Drilled 6, backpulled 4, and made sample ready 1 of the CY 1992 wells.

# Install RCRA Groundwater Wells

## Milestone M-24-00

### Planned Actions (next six months)

- Proceed with Installation of Wells in Proposed 1992 Milestones
  - Change request in to adjust 1992 to 30 wells
- Disposition of proposed change requests
- Develop criteria for Completion of Milestone
- Rigs available to drill are plentiful
  - Anticipated active rigs:
    - 2 Cable tool
    - 1 - 2 Air Rotary ODEX
  - Available in addition
    - 3 Cable tool, fixed-price contractor
    - 1 Air Rotary ODEX
    - 1 Sonic (shallow wells only)
    - Several cable tool, site contractor

# Install RCRA Groundwater Wells

## Milestone M-24-00

### MILESTONE ASSESSMENT

- Technical Scope
  
- Twenty-Six Wells Identified for CY 1992, with four more TBD
  - Drilling started in December 1991
  - Interim Milestones to be Approved by Project Managers
  - Well at 100-D Ponds previously identified has been deferred as not justified technically
  - Change Requests at EPA and Ecology for review

# Install RCRA Groundwater Wells

## Milestone M-24-00

### MILESTONE ASSESSMENT

- LLBG RCRA (10) - On Schedule(M-24-19)  
Six wells drilled, one drilling, four backpulled, one sample ready
- Grout (2) - On Schedule (M-24-20) Wells approved and staked.
- 1301-N Crib (2) - On Schedule (M-24-21) Mobilizing to drill.
- 1324-N Pond (1) - On Schedule (M-24-22) Mobilizing to drill.
- S-10 Pond and Ditch (1) - On Schedule (M-24-23) Site Approved.
- B-63 Trench (2) - On Schedule (M-24-24) Wells approved and staked.
- A-29 Ditch (2) - On Schedule (M-24-25) Wells approved.
- NRDWL (2) - On Schedule (M-24-26)
- B-Pond (2) -On Schedule (M-24-27) Wells approved.
- SST's (2) - Behind Schedule (M-24-28) ECN preparation delayed by fume precautions.
- TBD's (4) - Seeking additional well locations.

# Install RCRA Groundwater Wells

## Milestone M-24-00

### MILESTONE ASSESSMENT (cont'd)

#### Well Summary (As of February 29, 1992)

30 Wells Include 4 TBD Wells

	<u>Complete</u>	<u>Remaining</u>	<u>In Progress</u>
Wells Drilled	6	24	1
Wells Backpulled	4	26	0
Wells Sample Ready	1	29	0

# Install RCRA Groundwater Wells

## Milestone M-24-00

### MILESTONE ASSESSMENT (cont'd)

- Budget vs. Cost (\$ in 000's)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY Budget*	717	1382	2229	2993	3915	4736	5667	6448	7111	7589	8117	9976
FYTD Cost*	650	875	950	3379	4003							
Spending Variance*	(67)	(507)	(1279)	+381	+88							

\*Cumulative

Variance Explanation : RCRA Well Installation is slightly over budget for the following reasons:

- Difficulties encountered to finish CY 1991 wells.

# Install RCRA Groundwater Wells

## Milestone M-24-00

### SPECIAL TOPICS

#### ● Change Requests

<u>Change Number</u>	<u>Class</u>	<u>Milestone</u>	<u>Description</u>
M-24-91-4 Submitted 10/3/91	2	M-24-19 thru M-24-26	Establish interim CY 1992 Milestones
M-24-91-5, Rev.1 Submitted 11/22/91 Revised 3/3/92	2	M-24-24  & M-24-27 & -28	Adds one well to M-24-24  Establishes additional Milestones for 4 wells
M-24-91-6 Submitted 3/6/92	1	M-24-00 &  M-24-30	● Establish agreed interim milestones of 30 wells in 1992. ● Milestone to "up to" 50 wells per year  Up to 4 "TBD" wells to be identified by Ecology.

# Install RCRA Groundwater Wells

## Milestone M-24-00

### Sampling and Analysis

#### Interim Laboratory

- Data Return - Over 85% of hazardous and 90% of radionuclide results returned
- Holding Times - All radionuclide and most hazardous tests on time.

#### Current Laboratory

- Datachem and ITAS for hazardous and radiochemistry contracted in October.
- Software problems resulting in limited useful data from Datachem nearly resolved.
- Committed to aggressive QC auditing.

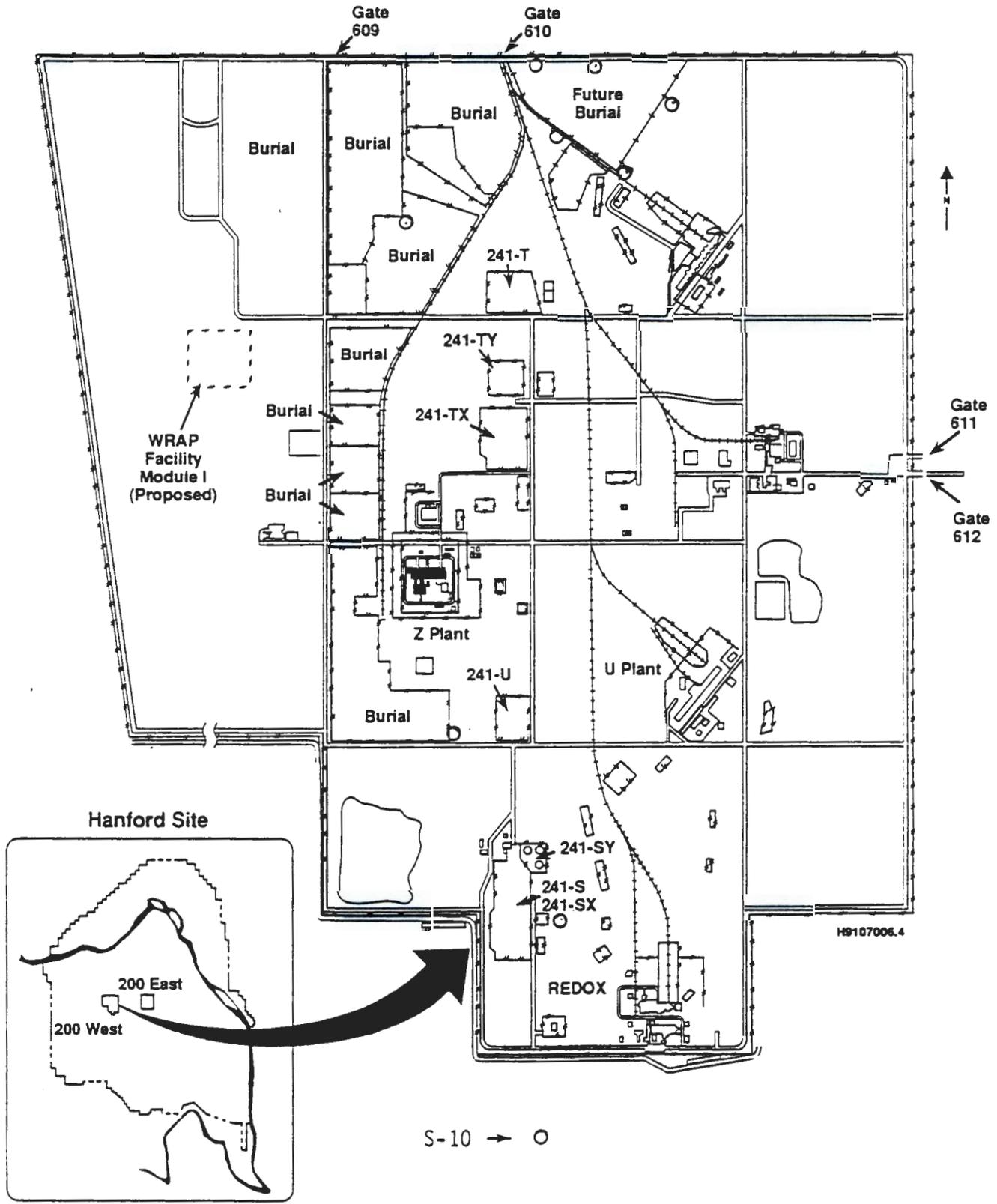
Sample Collection - On Schedule.

#### Data Reporting

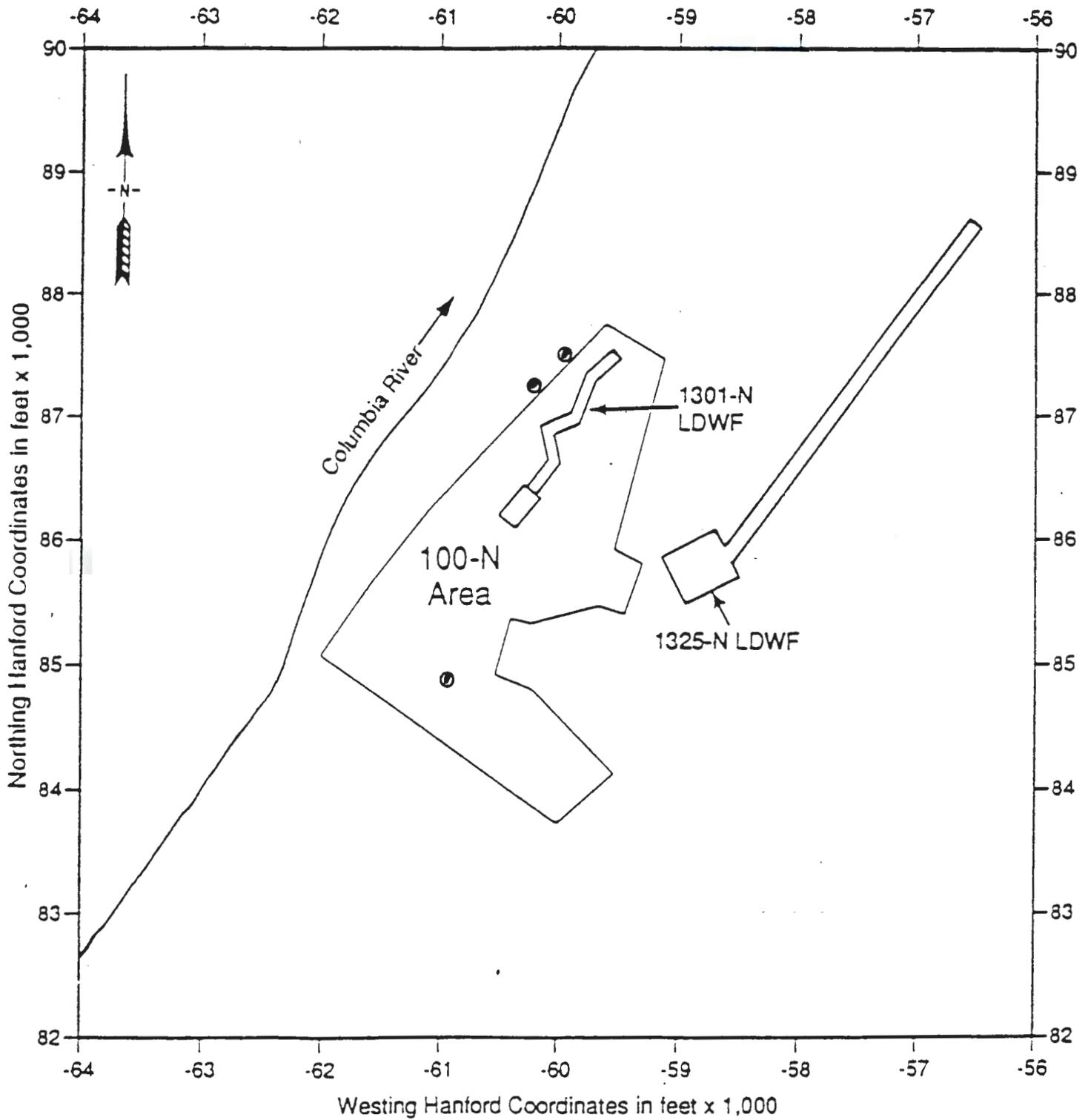
- Limited data in annual RCRA report. Deficiencies significantly reduced in first quarter.



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▲ Existing Well with Hydrograph

X99-xx-xx Well Number

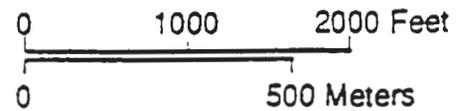
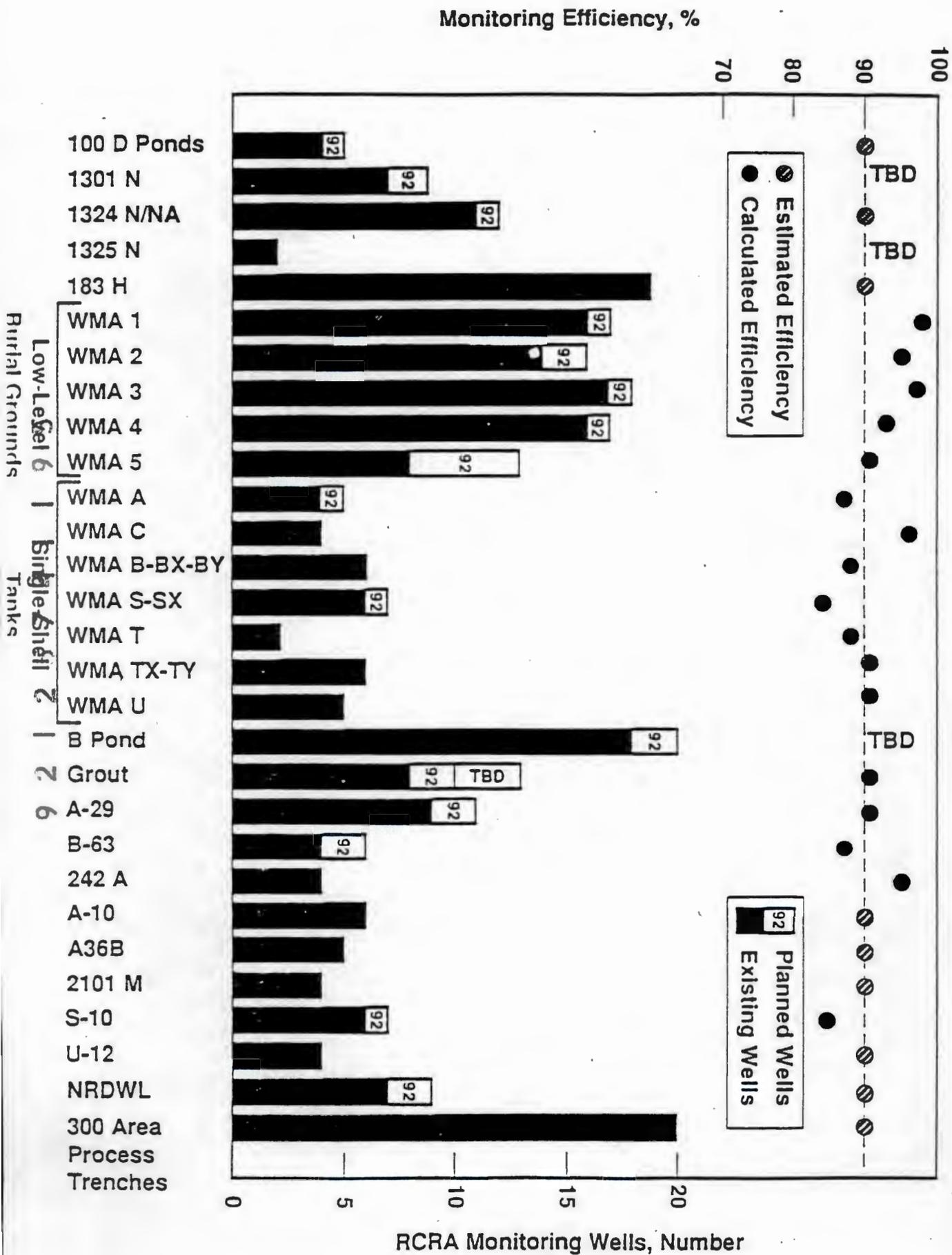


FIGURE 23. Map of the 100-N Area Showing the Locations of 1992 RCRA Wells

# RCRA Monitoring System Status



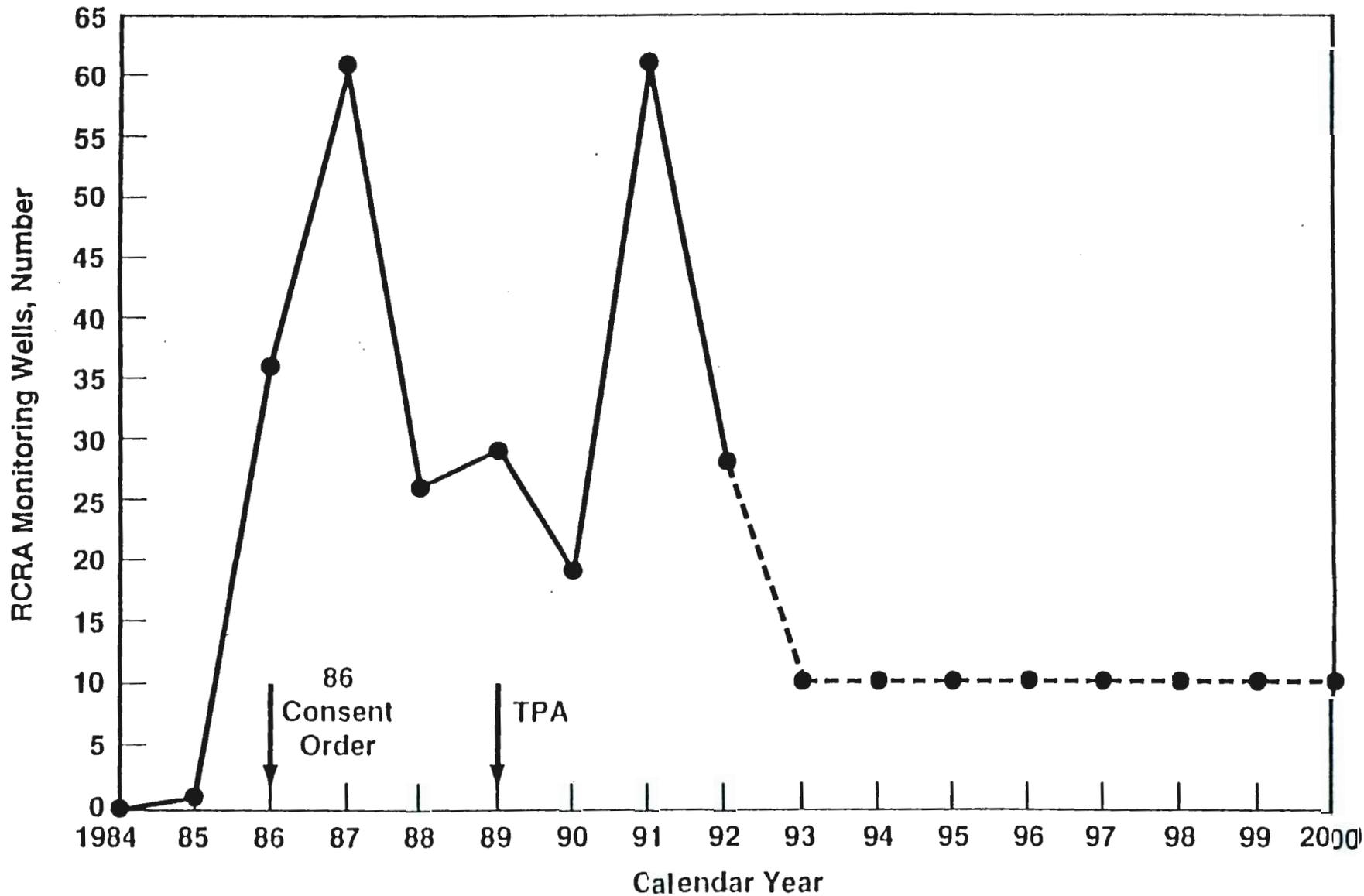
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INITIAL RCRA COMPLIANCE GROUND WATER MONITORING STATUS							
FACILITY	COMPLIANCE						COMPLETE
	90% MONITORING EFFICIENCY	UPGRADIENT WELL (MINIMUM 1)	DOWN GRADIENT WELL (MINIMUM 3)	CONSTRUCTION STANDARDS	TURBIDITY (<5NTU)	1 YEAR BACKGROUND	
100D							
1301N							
1324N/NA							
1325N							
183H							
LLBG WMA 1							
LLBG WMA 2							
LLBG WMA 3							
LLBG WMA 4							
LLBG WMA 5							
SST WMA A							
SST WMA B-BX-BY							
SST WMA C							
SST WMA S-SX							
SST WMA T							
SST WMA TX-TY							
SST WMA W							

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INITIAL RCRA COMPLIANCE GROUND WATER MONITORING STATUS							
FACILITY	COMPLIANCE						COMPLETE
	90% MONITORING EFFICIENCY	UPGRADIENT WELL (MINIMUM 1)	DOWN GRADIENT WELL (MINIMUM 3)	CONSTRUCTION STANDARDS	TURBIDITY (<5NTU)	1 YEAR BACKGROUND	
B-POND							
GROUT							
A-29							
B-63							
242 A							
A-10							
A36B							
2101M							
S-10							
U-12							
NRDWL							
300PT							
TOTAL							

# RCRA Well Installation Chronology by Year





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**Complete Construction and Initiate Operations  
of Expanded Laboratory Hot Cells for  
High-Level Radioactive Mixed Waste**

**MILESTONE M-11-00**

**Donna M. Wanek**

**March 18, 1992**

*A-TT-11-M-11-00-2*

## Milestone Description

- **M-11-00**                      **Complete construction and initiate operations of expanded laboratory hot cells for high-level radioactive mixed waste.**
  
- **DELIVERABLE(S)**            **Complete Conceptual Design for hot cell expansion - June 1989**  
**Complete Definitive Design for hot cell expansion - March 1992**
  
- **BASELINE SCHEDULE**       **Complete construction and initiate operations - June 1994**

## **Accomplishments (Last three months)**

- **Completed Definitive Design more than a month ahead of interim milestone**
- **Issued Invitation for Bid**

## **Planned Actions (Next six months)**

- **Award construction contract and issue Notice to Proceed**
  - **Start hot cell fabrication**
  - **Start civil/structural construction**
  
- **Begin procurement of major equipment (windows and manipulators)**

# **MILESTONE ASSESSMENT**

## **Schedule**

- **Conceptual Design completed June 1989 (Interim milestone M-11-01)**
- **Definitive Design Completed February 1992 (Interim milestone M-11-02, March 1992)**
- **Construction Schedule**
  - **Award Construction Contract June 1992**
  - **Begin Construction June 1992**
  - **Complete Construction November 1993**
  - **Initiate Operations June 1994 (Major Milestone M-11-00)**

# MILESTONE ASSESSMENT (cont'd)

## Budget vs. Cost (% in 000's)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Project Budget To date</b>	1443	1887	2330	2500	2600	2645	2659	8758	10742	10746	10751	11995
<b>Project Cost to date</b>	1681	1951	2117	2311	2429							
<b>Spending Variance</b>	238	64	-213	-189	-171							

### Variance Explanation:

Design was over spent at the beginning of the fiscal year due to a big effort to complete the design in January. The subsequent under-runs are due to less design effort then planned due to early completion of design.

**NOTE:** Project Budget for remainder of FY92 may change depending on payment schedule to contractor and vendors.

# **MILESTONE ASSESSMENT (cont'd)**

## **Technical Scope**

- **No changes in scope**

## SPECIAL TOPICS

- **Key interface Project W-001 (222-S Laboratory Electrical Upgrade) has \$2.9 million shortfall for construction.**
- **Project W-001 will provide:**
  - **Upgraded HVAC and electrical services for existing facility**
  - **Capacity for W-041H HVAC and power needs**
- **Additional funding has been requested for Project W-001. Funding is needed to support an August 1992 start of construction.**
  - **Change request has been approved by DOE-RL and submitted to DOE-HQ. Transmittal letter requested "fast track" reprogramming by DOE-HQ to support an August 1992 start of construction.**
  - **Efforts are ongoing to start all long-lead procurement, and to develop phased construction schedule supporting partial start of construction with existing authorized funds.**

# **Waste Receiving And Processing Module I**

**Milestone M-18-00**

**R. F. GUERCIA**

**WASTE MANAGEMENT DIVISION**

**March 18, 1992**

ATTACHMENT 3

# Open Actions

## o WRAP LAB SUPPORT

- Planning for TRU laboratory support to WRAP has been initiated
- Expectations for a FY 1995 Line Item to build a TRU Lab by the year 2000 is anticipated
- Anticipate siting of a DOE regional TRU lab to be complete in 1992
- Anticipate completing a conceptual design in 1993
- An interim lab capability assessment is underway to determine best alternative to support WRAP processing between 1997 and the year 2000
- Non TRU sample capabilities are also being developed considering commercial lab capacity and on-site lab capacities
- More detailed status at next quarterly meeting

## Milestone Description

- o Complete Waste Receiving and Processing (WRAP) Module I construction and initiate operations. The WRAP Module I is required to sort and repackage wastes that are planned to be retrieved from retrievable storage units. Much of the waste currently stored in the retrievable storage units is anticipated to be radioactive mixed waste. Some of the radioactive waste stored on the pads is known to contain extremely hazardous waste as well as federally land-banned waste.**
- o The completion of construction and the initiation of operational test procedures (OTP's) and start-up will constitute the deliverable.**
- o Completion of M-18-00 is scheduled for September, 1996. (Milestone CR proposed change to 3/97)**

## **Accomplishments**

- o Complete Title 1 (30%) Design by end of March**
- o Initiated Glovebox Mockup tests**
- o Held several Unit Manager Meetings to present and discuss project details**

## **Planned Actions**

- o Initiate resolution of NOD comments from Ecology/EPA**
- o Initiate Title II Detailed Design**
- o Develop interim Lab options**

# Milestone Assessment

## o **Schedule**

- **Current planning is to meet Change Request schedule of 3/97 date to start operations/start up**
- **Formal NOD comments have not yet been received from regulators.**
- **Delays in Permit will cause delays in project construction/start up**

## MILESTONE ASSESSMENT (Cont.)

Budget vs. Cost (\$000's)

February Month End

## MILESTONE M-18 WRAP 1

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
FYTD Budget	807.3	1354.6	2079.1	2996.2	3731.2	4670.4	5565.1	6450.9	7396.2	8513.1	9841.2	10541.3
FYTD Cost	688.7	1429.0	2303.1	3002.8	3802.6							
Spending Variance	118.6	-74.4	-224.0	-6.6	-71.4							

Variance Explanation

- \* Title 1 Design Review exceeded time and budget that was allotted
- \* Time and Motion testing of the Glovebox is behind original estimate
- \* Contractor support of PSAR development utilized earlier than budgeted

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# **Waste Receiving and Processing Module 2**

**Milestone M-19-00**

**Waste Management Division**

**R. F. Guercia**

**March 18, 1992**

11/14/91 2/4

## Milestone Description

- o Complete Waste Receiving and Processing (WRAP) Module 2 construction and initiate operations. The WRAP Module 2 will include waste treatment capabilities to minimize land disposal of low level radioactive waste and radioactive mixed waste. The September 1999 completion date of WRAP Module 2 is critical to achieving compliance for the management of wastes that are prohibited from land disposal and extended storage.**
  
- |  |  |
|--|--|
| <p><b>o Proposed WRAP 2A</b></p> <p><b>The WRAP Module 2A will include waste treatment capabilities for low-level radioactive waste and radioactive mixed waste. WRAP 2A is critical to achieving compliance for the management of wastes that are restricted from land disposal and extended storage. Start-up is proposed for Sept 1999.</b></p> | <p><b>Proposed WRAP 2B</b></p> <p><b>The WRAP Module 2B will characterization, treatment, and packaging required to permit permanent disposal of newly generated TRU and suspect TRU in containers too large or heavy to be handled in WRAP Module 1 and all RH-TRU waste Start-Up is TBD.</b></p> |
|--|--|

# Accomplishments

## Proposed WRAP 2A

- o **Finalized modularization option preferences and drafted Change Request**
- o **Obtained Key Decision 0 from DOE-HQ**
- o **Issued final Functional Design Criteria**
- o **Started Conceptual Design Report**

## Proposed WRAP 2B

- o **Finalized modularization option preferences and drafted Change Request**

## Planned Actions

### Proposed WRAP 2A

- o **Begin development of Part B Permit application (32 month cycle)**
- o **Submit Change Request noting modularization approach**
- o **Schedule meeting with Ecology/EPA to discuss technical details**

### Proposed WRAP 2B

- o **Develop strategic schedule for major activities**
- o **Submit Change Request noting modularization approach**
- o **Schedule meeting with Ecology/EPA to discuss technical details**

# Milestone Assessment

## Proposed WRAP 2A

- o Schedule - on Proposed Target
- o WRAP 2A is a FY 94 Line Item

## Proposed WRAP 2B

- o Schedule - yet to be developed
- o Issues - WIPP Acceptance Criteria continues to evolve
- o Earliest WRAP 2B is a FY 96 Line Item

# MILESTONE ASSESSMENT (Cont.)

## Budget vs. Cost ( \$000's )

February Month End

MILESTONE M-19 WRAP 2

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
FYTD Budget	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FYTD Cost			340.2	316.9	701.5							
Spending Variance			(340.2)	(316.9)	(701.5)							

### Variance Explanation:

- \* Key Decision 0 was reached on 01/17/92 but to date no funding had been identified. 1.7 of interim funding was received from DOE-RL in February to cover Conceptual Design Activities. Because the interim funds need to be paid back, the need remains at 5.2M

9 2 1 2 5 7 4 1 2 2 0

**Provide Annual Reports of Studies/Efforts  
That Are in Progress to Identify Alternatives  
To Land Disposal of Radioactive Mixed  
Wastes**

**Milestone M-25-00**

**R. F. Guercia**

**WASTE MANAGEMENT DIVISION**

**March 18, 1992**

ATTH-111111-1-5

## Milestone Description

- o Provide annual reports of studies/efforts that are in progress to identify alternatives to land disposal of radioactive mixed wastes. The annual reports will provide information regarding actions taken to minimize waste generation, recycle/reclaim wastes, or treat wastes.
- o The deliverable is a single report provided to Ecology, the Region X of the Environmental Protection Agency.
- o The Report is to be delivered annual by March 31.

## Accomplishments

- o Report drafted
- o Change request re-submitted to EPA/Ecology on 3 March, 1992

## **Planned Actions**

- o **Submit report on schedule**

## **Milestone Assessments**

- o **It is expected to be issued on schedule in FY 1992. However, if Change Request approved, submission of this information will move to April 1992.**

9 2 1 2 3 7 4 1 2 2 3

**LAND DISPOSAL RESTRICTIONS  
ANNUAL REPORT**

**M-26-01**

**LAND DISPOSAL RESTRICTIONS  
COMPLIANCE/MILESTONES**

**M-26-02**

**WASTE MANAGEMENT DIVISION**

**R. F. Guercia  
March 18, 1992**

*H. J. Johnson*

## Milestone Description

- **M-26-01**            **Submit an annual Hanford Land Disposal Restrictions (LDR) Report in accordance with the LDR Plan to cover the period from October 1 through September 30.**
- **M-26-02**            **Establish interim milestones for LDR compliance.**
- **Deliverables**        **Submit "1992 Report on Hanford Land Disposal Restrictions for Mixed Wastes" to EPA and Ecology. Report contains schedules with LDR Milestones.**
- **Schedule**            **Status reports submitted annually by October 31. Change request in process to consolidate LDR milestones and change date to April 30.**

## Accomplishments

- Initial change request to combine LDR Milestones M-25-00 and M-26-01/02 has been disapproved by EPA due to concerns over deletion of M-26-02. Revised change request, M-26-92-01, has been approved by RL and submitted to EPA and Ecology (March 3, 1992).
- Schedule developed and work initiated to issue 1992 Annual LDR Report on April 30, 1992, per pending change request.

## **Planned Actions**

- Submittal of 1992 report to EPA and Ecology by April 30, 1992, if change request is approved.
- EPA comments on 1991 report have been informally transmitted. Efforts are underway to respond to as many as possible in the April 1992 report.

## **Milestone Assessment** - schedule and technical

- Preparation of 1992 updated LDR status report has been initiated under the assumption that it will be issued in April 1992. Report preparation is on schedule.

## Milestone Assessment - budget

	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept
- FYTD Budget:	58.6	67.0	73.6	81.6	91.3	97.1	112.9	138.8
- FYTD Cost:	35.8							
- Spending Variance:	-22.8							
- Variance Explanation: LDR Report preparation is currently underrun due to the following:								
- Consulting services not yet required								
- Document services charges not liquidated.								

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# **MONTHLY TRI-PARTY (TPA) MANAGEMENT REVIEW**

## **M-20 MILESTONE PERMITS AND CLOSURE PLANS**

**C.E. CLARK  
MARCH 18, 1992**

*Approved*

## **M-20 MILESTONE DEFINITION**

- **SUBMIT PART B PERMIT APPLICATIONS OR CLOSURE PLANS FOR ALL RCRA TSD UNITS (5-96)**
- **COMPLETE INDIVIDUAL TSD UNIT SUBMITTALS IN ACCORDANCE WITH APPENDIX D WORK SCHEDULES (~10 SUBMITTALS PER YEAR)**

## **M-20 MILESTONE ACCOMPLISHMENTS IN LAST 3 MONTHS**

- **CLOSURE PLANS**

- CONDUCTED WORK ON 17 CLOSURE PLANS
- CONDUCTED MONTHLY UNIT MANAGER MEETINGS
- SUBMITTED A TPA CHANGE REQUEST TO CHANGE THE HANFORD PATROL ACADEMY DEMOLITION SITE MILESTONE FROM SUBMITTAL OF A PART B PERMIT APPLICATION TO A CLOSURE PLAN (02-27-92) (M-20-25)

# **M-20 MILESTONE ACCOMPLISHMENTS IN LAST 3 MONTHS (Continued)**

- **PART Bs**

- **CONDUCTED WORK ON 13 PART Bs**
- **CONDUCTED MONTHLY UNIT MANAGER MEETINGS**
- **REVIEWED DRAFT HANFORD FACILITY PERMIT FROM JANUARY 15 THROUGH MARCH 16 (NO TPA MILESTONE NUMBER)**
- **SUBMITTED A TPA CHANGE REQUEST TO CHANGE THE B PLANT PART B PERMIT APPLICATION SUBMITTAL DATE TO SEPTEMBER 1995 (01-31-92) (M-20-21)**

# **M-20 MILESTONE**

## **EXPECTED ACCOMPLISHMENTS IN NEXT 6 MONTHS**

- **UNIT-SPECIFIC CLOSURE PLANS**

- **RESPOND TO CLOSURE PLAN NODS WHEN RECEIVED FROM ECOLOGY FOR THE FOLLOWING UNITS:**
  - **2101-M Pond (Submitted: 04/03/91) (M-20-03)**
  - **Nonradioactive Dangerous Waste Landfill (Submitted: 08/31/90) (M-20-07)**
  - **300 Area Waste Acid Treatment System (Submitted: 11/26/90) (M-20-09)**
  - **303-K Radioactive Mixed Waste Storage Facility (Submitted: 11/15/91) (M-20-13)**
  - **4843 Alkali Metal Storage Facility (Submitted: 06/28/91) (M-20-14)**
  - **3718-F Alkali Metal Treatment and Storage Facility (Submitted: 12/31/91) (M-20-18)**
  - **105-DR Large Sodium Fire Facility (Submitted: 11/22/91) (M-20-41)**

# **M-20 MILESTONE**

## **EXPECTED ACCOMPLISHMENTS IN NEXT 6 MONTHS**

**(Continued)**

- **UNIT SPECIFIC CLOSURE PLANS (Continued)**

- **WORKING ON PREPARING CLOSURE PLANS FOR SUBMITTAL BY NOVEMBER 30, 1992.**

- **Hanford Patrol Academy Demolition Site (M-20-25)**
- **Ashpit Demolition Site (M-20-26)**
- **Hexone Storage and Treatment Facility (M-20-27)**
- **E-8 Borrow Pit Demolition Site (M-20-28)**

# **M-20 MILESTONE**

## **EXPECTED ACCOMPLISHMENTS IN NEXT 6 MONTHS (Continued)**

- **UNIT SPECIFIC PART Bs**

- **SUBMITTAL OF GROUT, REVISION 2 (NO TPA MILESTONE)**
- **SUBMITTAL OF MODIFICATION REQUEST FOR HWVP PERMIT TO SUPPORT PHASE 1 CONSTRUCTION (NO TPA MILESTONE)**
- **SUBMITTAL OF 305-B, REVISION 1 (04/03/92) (M-20-08) PILOT**

# **M-20 MILESTONE**

## **EXPECTED ACCOMPLISHMENTS IN NEXT 6 MONTHS**

**(Continued)**

- **UNIT SPECIFIC PART Bs (Continued)**

- **SUBMITTAL OF 325 WASTE TREATMENT (04-30-92) (M-20-20)**
- **SUBMITTAL OF TRUSAF (06-30-92) (M-20-23)**
- **SUBMITTAL OF RD&D PERMIT APPLICATION FOR WASTE WATER PILOT PLANT, REVISION 1 (04-22-91) (M-20-49)**

## **M-20 MILESTONE**

### **EXPECTED ACCOMPLISHMENTS IN NEXT 6 MONTHS (Continued)**

- **UNIT SPECIFIC PART Bs (Continued)**
  - **RESPOND TO PART B NODS WHEN RECEIVED FROM ECOLOGY FOR THE FOLLOWING UNITS:**
    - **Double-Shell Tank System (Submitted: 06/30/91) (M-20-16)**
    - **242-A Evaporator (Submitted: 06/30/91) (M-20-17)**
    - **Liquid Effluent Retention Facility (Submitted: 06/30/91) (M-20-47)**
    - **RMW Storage Facility (Submitted: 10/31/91) (M-20-05)**
    - **Waste Receiving and Processing Facility (Submitted: 10/31/91) (M-20-12)**
    - **222-S Laboratory (Submitted: 12/31/91) (M-20-22)**

## **M-20 MILESTONE ASSESSMENTS/STATUS**

- **DEVELOP M-20 WORKING SCHEDULE**
- **ASSESS M-20 COSTS**

# M-20 MILESTONE COST ASSESSMENT

## Budget vs. Cost (\$ in 000's)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr
FYTD Budget	554	1078	1658	2166	2807	3715	4483
FYTD Cost	188	682	1012	1547	1995		
Variance*	+ 366	+ 396	+ 649	+ 619	+ 809		

\* Variance Explanation: M-20 is currently underspent due to continued delays in receipt of comments and NOD responses resulting in less than planned support for follow-on revisions for Closure Plans and Part B Permit applications.

## **M-20 TPA MILESTONE: ISSUES/CORRECTIVE ACTION**

### **DRAFT HANFORD FACILITY PERMIT**

- **HANFORD SITE COMMENTS ON DRAFT HANFORD FACILITY PERMIT TRANSMITTED TO ECOLOGY AND EPA (03/16/92)**
- **COMMENTS BASED ON ONE OR MORE OF THE FOLLOWING CRITERIA:**
  - **REGULATORY AUTHORITY**
  - **APPROPRIATE LEVEL OF CONTROL**
  - **STATE-WIDE CONSISTENCY OF REGULATORY REQUIREMENTS**
  - **CONSISTENCY WITH TPA**
  - **MANAGEMENT EFFICIENCY AND COST EFFECTIVENESS**
- **CURRENT DRAFT PERMIT DOES NOT ADEQUATELY MEET THESE CRITERIA**

## **M-20 TPA MILESTONE: ISSUES/CORRECTIVE ACTION (Continued)**

- **RECOMMENDATION MADE TO WITHDRAW CURRENT DRAFT PERMIT AND REISSUE PER PROVISION WAC 173-303-84 (7)**
  
- **IF PERMIT ISSUED AS NOW STANDS, APPEAL PROCEEDINGS ARE LIKELY FOR CONDITIONS RELATING TO THE FOLLOWING MAJOR ISSUES**
  - **PERMITTING APPROACH**
  - **DESIGNATION OF THE PERMITTEE**
  - **REGULATORY AGENCY AUTHORITY**
  - **JURISDICTION OVER RADIOACTIVE MATERIALS**
  - **ONSITE WASTE MOVEMENT**
  - **MAPPING/MARKING OF UNDERGROUND PIPELINES**
  - **RCRA/CERCLA INTEGRATION**
  - **DESIGN AND CONSTRUCTION IMPACT**
  - **RELATIONSHIP BETWEEN TPA AND THE PERMIT**
  - **INCORPORATION OF DOCUMENTS**

# **M-20 MILESTONE ISSUES/CORRECTIVE ACTION (Continued)**

## **OTHER ISSUES**

- **LACK OF UNIT MANAGERS**
  - **CLOSURE PLANS**
    - 4843 Alkali Metal Storage Facility
    - 3718-F Alkali Metal Storage and Treatment Facility
    - 300 Area Waste Acid Treatment System
  - **PART Bs**
    - 222-S Laboratory
    - PUREX Storage Tunnels
    - 616 Nonradioactive Dangerous Waste Storage Facility

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# **M-20 MILESTONE ISSUES/CORRECTIVE ACTION (Continued)**

- **CHANGE IN PERMIT WRITERS**
  - **CLOSURE PLANS**
    - 216-B-3 Pond
    - 2101-M Pond
    - 304 Concretion Facility
    - 303-K Storage Facility
  
- **RESPONSE TO RCRA/CERCLA INTEGRATION NEEDS**

# TRI-PARTY AGREEMENT CHANGE REQUESTS TRANSMITTED TO EPA AND ECOLOGY

(EFFECTIVE MARCH 1, 1992)

M-17-91-5	RENEGOTIATION OF M-17 LIQUID EFFLUENT MILESTONES	9-16-91 CHANGE REQUEST ISSUED IN MARCH FOR PUBLIC COMMENT WITH ANNUAL REPORT
M-18-90-2	DELAY CONSTRUCTION COMPLETION & INITIATION OF OPERATIONS BY SIX MONTHS (WRAP MODULE I)	TO EPA & ECOLOGY 2-6-91 DOE ACTION LETTER 11-27-91
M-20-91-2	ADD INTERIM MILESTONE M-20-00 TO REQUIRE SUBMISSION OF PART B PERMIT APPLICATION FOR PLUTONIUM FINISHING PLANT (PFP) 241-Z TANK SYSTEM	TO EPA & ECOLOGY 1-3-92
M-20-92-2	NOTIFICATION OF REVISION OF MILESTONE M-20-25 FROM A PART B TO A CLOSURE PLAN	TO EPA & ECOLOGY 2-27-92
M-24-91-4	ESTABLISH RCRA WELL CALENDAR YEAR 1992 INTERIM MILESTONES	TO EPA & ECOLOGY 10-3-91 VERBAL APPROVAL RECEIVED
M-24-91-5	ESTABLISH ADDITIONAL RCRA WELLS CY 1992 INTERIM MILESTONES	TO EPA & ECOLOGY 11-22-91 REVISED AND RETRANSMITTED 3-3-92

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# TRI-PARTY AGREEMENT CHANGE REQUESTS TRANSMITTED TO EPA AND ECOLOGY

M-26-92-1	COMBINING MILESTONES FOR REPORTS ON LAND DISPOSAL RESTRICTIONS	- ORIGINAL C.R DENIED BECAUSE OF LACK OF INCLUSION OF M/S TO DEFINE FURTHER M/S's - NEW C.R. TO EPA & ECOLOGY 3-3-92
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# TRI-PARTY AGREEMENT CHANGE REQUESTS OTHER STATUS

M-20-91-1	CHANGE PART B TO CLOSURE PLAN FOR 303M OXIDE FACILITY	- ON HOLD AT ECOLOGY SINCE 7-1-91 PENDING OUTCOME OF VARIANCE REQUEST - VARIANCE NOW IN WHC SIGNATURE CYCLE
M-14-91-1	COMPLETE CONSTRUCTION AND INITIATE OPERATIONS OF LOW-LEVEL MIXED WASTE LAB (M-14-00)	DISPUTE RESOLUTION ONGOING SINCE 12-6-91

Meeting Minutes Transmittal/Approval  
Tri-Party Agreement Milestone Review Meeting  
EPA Conference Room  
Richland, Washington  
March 18, 1992

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From/  
Appvl.: \_\_\_\_\_ Date: \_\_\_\_\_  
Steven H. Wisness, RL (A5-19)  
Hanford Project Manager

Appvl.: \_\_\_\_\_ Date: \_\_\_\_\_  
Paul T. Day, EPA (B5-01)  
Hanford Project Manager

Appvl.: \_\_\_\_\_ Date: \_\_\_\_\_  
David B. Jansen  
Hanford Project Manager

Prepared by  
Appvl.: \_\_\_\_\_ Date: \_\_\_\_\_  
Tim Veneziano, Westinghouse Hanford Company

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9 2 1 2 5 7 4 1 2 4 6

TPA Milestone Review  
Meeting Minutes Transmittal/Approval  
March 18, 1992 (sheet 2 of 5)

1. MILESTONE M-24-00, GROUNDWATER WELLS

The information (attachment 1) was presented by M. J. Furman of RL. There was some discussion on the surplus of drilling rigs available. At this time, the total of the RCRA and CERLA drilling requirements for FY92 are less than those for FY91. There was discussion on the criteria to be used to determine that Hanford has a compliant RCRA groundwater monitoring system. At present, RL is proposing a number of criteria, including monitoring to a 90% efficiency as determined by the model being used by WHC for determining completion of M-24-00. Discussions on the proposed criteria are continuing. With regard to schedule performance, RL is slightly behind the established internal schedule but forecasts no problem with the TPA schedule.

There was discussion on the change request to the major milestone for M-24-00. Ecology has evaluated the need for a public review period since this is a major milestone. In this case, a 45-day public comment period for written comments (public meetings) will be required. Ecology stated that RL would be given relief for any schedule impacts that might result from the requirement to perform a public review at this time. Ecology supports the technical content of the change. Ecology will provide a letter to RL by March 23, 1992, on the proposed M-24-00 change.

2. MILESTONE M-11-00, HOT CELL EXPANSION

The information (attachment 2) was presented by D. M. Wanek of RL. Activities are proceeding on schedule and under budget with the exception of Project W-001. A plan to proceed with W-001 is being followed. Reprogramming is required by June to go out for bid for W-001. This allows sufficient lead time to support an August start of construction and the action is within DOE-HQ. EPA raised a question of what fast-track means and how this reprogramming activity is different. EPA is questioning what contingency plans DOE is looking at to maintain the schedule if approval is not obtained in June. EPA expected this information in today's meeting.

**Action:** Identify by letter, the contingency plans to recover schedule delays if reprogramming for Project W-001 is delayed beyond June. Provide a more complete response to the EPA January letter.

**Actionee:** D. M. Wanek

**Due Date:** May 18, 1992

3. MILESTONE M-14-00, LOW LEVEL LAB

This area was discussed by D. M. Wanek. This milestone is presently under dispute. There was discussion on the rescoped (QA only) ~~WSEF~~. The core facility contract will be let next week and modules will be delivered this fall. EPA discussed their January 11 request for information on radiation levels that can be accepted at existing off-site laboratories. Specifically, 10 nanocuries/gm vs 10 mR/hr was questioned. EPA is concerned that there are samples that are under 10 mR/hr that cannot go off-site and will impact the overall on-site lab capability.

WSCF

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TPA Milestone Review  
Meeting Minutes Transmittal/Approval  
March 18, 1992 (sheet 3 of 5)

**Action:** Arrange a meeting to discuss the radiation level criteria for off-site samples and the impacts of these criteria on the on-site lab capacity.

**Actionee:** D. M. Wanek

**Due Date:** April 20, 1992

**4. MILESTONE M-18-00, WRAP I**

The information (attachment 3) was presented by R. F. Guercia of RL. WRAP I is proceeding toward a March 1997 start-up and is presently on budget. RL does not consider the budget to be an issue and does not anticipate completion to be over-budget. There was discussion on lab constraints prior to 1997 for TRU samples. The year-old change request for M-18-00 was discussed. RL is proceeding as if this change was approved (per verbal discussions with R. Stanley). Ecology agreed to expedite written approval for this change.

**Action:** Determine the burden that near-term TRU samples will have on-site lab capacity.

**Actionee:** R. F. Guercia

**Due Date:** June 24, 1992

**5. MILESTONE M-19-00, WRAP II**

The information (attachment 4) was presented by R. F. Guercia of RL. The proposed change request to divide WRAP II into a IIA and IIB is at DOE-HQ and EPA and Ecology can expect to see it next month. EPA asked whether RL is ready to review the draft with the regulators and RL stated that this should wait until DOE-RL has a final position following HQ review. With regard to budget, the project is being funded. The funding source will be determined during the on-going mid-year funding review and DOE stated that WRAP IIA will be fully supported. RL stated that, during mid-year review, TPA milestones will not be adversely effected in order to support other funding reallocations.

**6. MILESTONE M-25-00, ANNUAL LDR REPORT**

The information (attachment 5) was presented by R. F. Guercia of RL. RL is working to the existing March completion date but will include the information with the M-26-00 submittal in April if the change request is approved by the regulators. EPA and Ecology stated that this milestone change will be approved and that there will not be a need for a public review period.

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TPA Milestone Review  
Meeting Minutes Transmittal/Approval  
March 18, 1992 (sheet 4 of 5)

7. MILESTONE M-26-01 and M-26-02, LDR

The information (attachment 6) was presented by R. F. Guercia of RL. RL is working to an April, 1992 completion per the pending change request. EPA comments from last year's report are being addressed.

Action: Set up meeting to review EPA and Ecology comments from last year's M-26-01 report.

Actionee: R. F. Guercia

Date Due: April 1, 1992

8. MILESTONES M-20-00, PART B'S/CLOSURE PLANS

The information (attachment 7) was presented by C. E. Clark of RL. RL requested feedback from Ecology on a number of closure plans and Part B submittals that have been submitted, and alerted Ecology that four more will be provided in November. Ecology stated some of their reviewers will be moved to the Kennewick office. RL pointed out that turnover of reviewers has been a problem in the past. Ecology believes that they can provide continuity as work is transitioned to Kennewick and that the transfer of work should be beneficial to RL. In the Part B area, RL stated that a multi-year schedule of planned modifications to the Hanford permit to incorporate the individual facilities into the site permit would assist RL's planning activities.

The site-wide permit was discussed. RL provided comments to Ecology and recommended that Ecology withdraw the comment draft. If the draft permit is issued as it now stands, appeal proceedings are likely.

Ecology's response to RL's request for increased RCRA/CERLA integration was discussed. RL would have liked additional discussion and commitment to integration. EPA would like to discuss this subject at the up-coming retreat.

9. OPEN TPA CHANGE REQUESTS

The information (attachment 8) was discussed. Change Requests M-20-92-2 and M-24-91-5 have been signed and were provided to RL in the meeting today. The three parties agreed to have the status from the Change Request data base and the folders for the changes on the agenda for future meetings.

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Meeting Minutes Transmittal/Approval  
Tri-Party Agreement Milestone Review Meeting  
~~Federal Building, Room 780~~  
Richland, Washington  
March 18, 1992

EPA CONFERENCE ROOM

18

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From/  
Appvl.: \_\_\_\_\_ Date: \_\_\_\_\_  
Steven H. Wisness, RL (A5-19)  
Hanford Project Manager

Appvl.: \_\_\_\_\_ Date: \_\_\_\_\_  
Paul T. Day, EPA (B5-01)  
Hanford Project Manager

Appvl.: \_\_\_\_\_ Date: \_\_\_\_\_  
Larry Goldstein, Representative  
Ecology (Olympia, WA)

Prepared by  
Appvl.: \_\_\_\_\_ Date: \_\_\_\_\_  
Tim Veneziano, Westinghouse Hanford Company

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TPA MILESTONE REVIEW  
Meeting Minutes Transmittal/Approval  
March 18, 1992 (sheet 2 of 5)  
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1. MILESTONE M-24-00, GROUNDWATER WELLS

The information (attachment 1) was presented by M. J. Furman of RL. There was ~~some~~ <sup>those for some</sup> discussion on the surplus of drilling rigs available. At this time, the total of the RCRA and CERCLA drilling requirements for FY92 are less than FY91. There was discussion on the criteria to be used to determine that Hanford has a compliant RCRA groundwater monitoring system. At present, RL is proposing a number of ~~criteria, including monitoring 90% efficiency as determined by the model being used by WHC for determining completion of M-2400.~~ Discussion on the proposed criteria are continuing. With regard to schedule performance, RL is slightly behind the established internal schedule but forecasts no problem with the TPA schedule.

There was discussion on the change request to the major milestone for M-24-00. Ecology has evaluated the need for a public review period since this is a major milestone. In this case, a 45-day public comment period for written comments (public meetings) will be required. Ecology stated ~~that~~ relief for any schedule impacts that might result from the requirement to perform a public review at this time. Ecology supports the technical content of the change. Ecology will provide a letter to RL by March 23, 1992, on the proposed M-24 change. <sup>That RL would be given</sup>

2. MILESTONE M-11-00, HOT CELL EXPANSION

The information (attachment 2) was presented by D. <sup>M.</sup>Wanek of RL. Activities are proceeding on schedule and under budget with the exception of Project W-001. A plan to proceed with W-001 is being followed. Reprogramming is required by June to go out for bid for W-001. This allows sufficient lead time to support an August start of construction and the action is within DOE-HQ. EPA raised a question of what fast-track means and how this reprogramming activity is different. EPA is questioning what contingency plans DOE is looking at to maintain the schedule if approval is not obtained in June. EPA expected this information in today's meeting.

Action: ~~Respond to the EPA January letter.~~

Actionee: D. <sup>M.</sup>Wanek

Due Date: May 18, 1992

Identify by letter, the contingency plans to recover schedule delays if reprogramming for Project W-001 is delayed beyond June. Provide a more complete response to the EPA January letter.

3. MILESTONE M-14-00, LOW LEVEL LAB

This area was discussed by D. <sup>M.</sup>Wanek. This milestone is presently under dispute. There was discussion on the rescoped (QA only) ~~WSEF~~ <sup>WSEF</sup>. The core facility contract will be let next week and modules will be delivered this fall. EPA discussed their January 11 request for information on radiation levels that can be accepted at existing off-site laboratories. Specifically, 10 ~~NA~~ <sup>NA</sup> mCi/gm vs 10 mR/hr was questioned. EPA is concerned that there are samples that are under 10 mR/hr that cannot go off-site and will impact the overall on-site capability.

Action: Arrange a meeting to discuss the radiation level criteria for off-site samples and the impacts of these criteria on-site capacity.

on ~~to~~ the lab

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To a

Meeting Minutes Transmittal/Approval  
March 18, 1992 (sheet 3 of 5)

18

M.

Actionee: D. Wanek

Due Date: April 20, 1992

4. MILESTONE M-18-00, WRAP I

The information (attachment 3) <sup>March 1997</sup> was presented by R. <sup>F.</sup>Guercia of RL. WRAP I is proceeding toward a ~~start-up~~ start-up and is presently on budget. RL does not consider the budget to be an issue and does not anticipate completion to be over-budget. There was discussion on lab constraints prior to 1997 for ~~TRU~~ samples. The year-old change request for M-18 was discussed. RL is proceeding as if this change was approved (per verbal discussions with R. <sup>Stanley</sup>). Ecology agreed to expedite written approval for this change. <sup>TRU</sup>  
<sub>-00</sub> <sup>STANLEY</sup>

Action: Determine the burden that near-term ~~TRU~~ samples will have, on-site lab capacity. <sup>TRU</sup> <sup>on the</sup>

Actionee: R. <sup>F.</sup>Guercia

Due Date: June 24, 1992

5. MILESTONE M-19-00, WRAP II

The information (attachment 4) was presented by R. <sup>F.</sup>Guercia of RL. The proposed change request to divide WRAP II into a IIA and IIB is at DOE-HQ and EPA and Ecology can expect to see it next month. EPA asked whether RL is ready to review the draft with the regulators and RL stated that this should wait until ~~DOE~~ <sup>DOE-RL</sup> has a final position following HQ review. With regard to budget, the project is being <sup>funding</sup> funded. The funding source will be determined during the on-going mid-year review and DOE stated that WRAP IIA will be fully supported. RL stated that, during mid-year review, TPA milestones will not be adversely effected in order to support other funding reallocations.

6. MILESTONE M-25-00, ANNUAL LDR REPORT

The information (attachment 5) was presented by R. <sup>F.</sup>Guercia of RL. RL is working to the existing March completion <sup>date</sup> but will include the information <sup>WITH</sup> in the M-26-00 <sup>rebuttal</sup> ~~rebuttal~~ in April if the change request is approved by the regulators. EPA and Ecology stated that this milestone change will be approved and that there will not be a need for a public review period.

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submittal  
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7. MILESTONE M-26-01 and M-26-02, LDR

The information (attachment 6) was presented by R. Guercia of RL. RL is working to an April, 1992 completion per the pending change request. EPA comments from last year's report are being addressed.

Action: Set up meeting to review EPA and Ecology comments from last year's M-26-01 report.

Actionee: R. Guercia

Date Due: April 1, 1992

8. MILESTONES M-20-00, PART B'S/CLOSURE PLANS

The information (attachment 7) was presented by C. Clark of RL. RL requested feedback from Ecology on a number of closure plans and Part B submittals that have been submitted, and alerted Ecology that four more will be provided in November. Ecology stated some of their reviews will be moved to the Kennewick office. RL pointed out that turnover of reviews has been a problem in the past. Ecology believes that they can provide continuity as work is transitioned to Kennewick and that the transfer of work should be beneficial to RL. In the Part B area, RL stated that a multi-year schedule of planned modifications to the Hanford permit to incorporate the individual facilities into the site permit would assist RL's planning activities.

The site-wide permit was discussed. RL provided comments to Ecology and recommended that Ecology withdraw the comment draft. ~~But~~ issued as it stands, appeal proceedings are likely.

Ecology's response to RL's request for increased RCRA/CERCLA integration was discussed. RL would have liked additional discussion and commitment to integration. EPA would like to discuss this subject at the up-coming retreat.

9. OPEN TPA CHANGE REQUESTS

The information (attachment 8) was discussed. M-20-92-2 and M-24-91-5 have been signed and were provided to RL in the meeting today. The three parties agreed to have the status from the data base and the folders with the changes on the agenda for future meetings.

Change Request

Change Requests

for

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DISTRIBUTION

Bell, M. L.	WHC	T6-16
Black, D. G.	WHC	B2-20
Borneman, L. E.	WHC	B2-35
Calapristi, F. T.	WHC	B2-35
Carter, E. K.	WHC	R3-27
Clark, C. E.	DOE-RL	A5-15
Claussen, D. W.	DOE-RL	A5-21
Collins, M. J.	DOE-RL	A5-18
Day, P. T.	EPA	B5-01
Forehand, G. D.	WHC	B2-35
Furman, M. J.	DOE-RL	A5-21
Guercia, R. F.	DOE-RL	A5-21
Jansen, D	Ecology	PV-11 Olympia
Joyce, S. M.	WHC	H1-61
Knepp, A. J.	WHC	H4-56
Kramer, O. S	WHC	B2-35
Nylander, D	Ecology	Kennewick
Olson, L	MACTEC	Richland
Price, R. D.	WHC	N3-13
Price, S. M.	WHC	H4-57
Rasmussen, J. E.	DOE-RL	A5-15
Roberts, R. J.	WHC	N3-13
Sullivan, B.	DOE-RL	A5-10
Thompson, K. M.	DOE-RL	A5-19
Thompson, R. R.	WHC	L4-88
Veneziano, T. B.	WHC	B2-35
Wanek, D. M.	DOE-RL	A5-21
Warren, R. N.	DOE-RL	A5-18
Wisness, S. H.	DOE-RL	A5-15
Yerxa, J. R.	DOE-RL	A5-15

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